

Claims

What is claimed is:

1. A method for providing network access to a building comprising:
 - providing a high speed, integrated communications network that provides network connectivity throughout the building;
 - integrating the communications network with other building systems;
 - automating and centralizing network management and maintenance in a network manager; and
 - aggregating the network bandwidth needs of the building and delivering the network bandwidth to building tenants as needed.
2. A method as claimed in claim 1, wherein the communications network is a fiber optics network.
- 15 3. A method as claimed in claim 2, wherein the communications network comprises a plurality of wireless LAN access points.
4. A method as claimed in claim 1, wherein the network manager operates a central website from which building tenants can report network issues and request service.

5. A method as claimed in claim 4, wherein the central website also provides access to other building services and amenities.

6. A method for delivering network bandwidth as a utility to a multi-
5 occupant facility comprising:

coordinating the design and installation of a high speed fiber optics communications network that provides wired and wireless network connectivity throughout the facility;

obtaining network bandwidth in bulk to meet the bandwidth needs of all
10 occupants of the facility;

delivering the network bandwidth to the occupants of the facility as needed; and maintaining, managing and servicing the communications network.

7. A method as claimed in claim 6, wherein the network bandwidth is sold to
15 the occupants of the facility with a built-in profit margin.

8. An integrated data communications network for an office building comprising:

fiber optics network infrastructure and equipment for providing network
20 connectivity throughout the building;

a single point of access for provision of bandwidth by network service providers;
automated and centralized network management and maintenance; and

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wireless LAN access points configured to provide wireless network access throughout the building.